

JAN 17 1982

DPM 1173

Resin, Impregnating

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP.

Section I

MANUFACTURER'S NAME American Metaseal Company

STREET ADDRESS 18255 Weaver CITY, STATE, AND ZIP CODE Detroit, Michigan 48228

EMERGENCY TELEPHONE NO. (313) 838-5941 (201) 933-1720

PRODUCT CLASS Polyester MANUFACTURERS CODE IDENTIFICATION 19V5 (072673SP)

TRADE NAME Metal Impregnating Resin

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/m ³		
Styrene & Related Aromatic Monomers	35	100		1.1	5.0
(Lead as % Non-Volatile <0.06%)					

Section III - PHYSICAL DATA

BOILING RANGE 146°C VAPOR DENSITY ☒ HEAVIER, ☐ LIGHTER, THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER, THAN ETHER PERCENT VOLATILE, BY VOLUME 40.5 WEIGHT PER GALLON 9.32

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Flammable FLASH POINT 87°F P.M.C.C. (30.6°) LEL 1.1

EXTINGUISHING MEDIA Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical or foam) designed to extinguish NFPA Class IC Flammable Liquid fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Do not apply on hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES Water spray may be ineffective. Water may be used to cool

BOE-C6-0203280

Section V -- HEALTH HAZARD DATA

19V5

THRESHOLD LIMIT VALUE See Section II.

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma.

Skin or Eye Contact: Primary irritation.

EMERGENCY AND FIRST AID PROCEDURES Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (Eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (Skin): Wash affected areas with water. Remove contaminated clothing. Consult a physician.

Section VI -- REACTIVITY DATA

STABILITY ☒ UNSTABLE ☐ STABLE CONDITIONS TO AVOID Prolonged Storage above 100°F.

INCOMPATIBILITY (Materials to avoid) Peroxides, hydroperoxides, strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain carbon monoxide.

HAZARDOUS POLYMERIZATION ☒ MAY OCCUR ☐ WILL NOT OCCUR

CONDITIONS TO AVOID Runaway exotherm.

Section VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD Dispose in accordance with local, state, and federal regulations. Do not incinerate closed containers.

Section VIII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION In outdoor or open areas use NIOSH approved mechanical filter respirator to remove solid air borne particles of overspray during spray application. In restricted ventilation areas use NIOSH approved chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use NIOSH approved air line type respirators or hoods.

VENTILATION Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredient in Section II below acceptable limit, LEL in Section IV below stated limit, and to remove decomposition products during welding or flame cutting on surfaces coated with this product.

PROTECTIVE GLOVES Required for prolonged or repeated contact.

EYE PROTECTION Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT Prevent prolonged skin contact to contaminated clothing.

Section IX -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store above 100°F. Store large quantities in buildings designed and protected for storage of NFPA Class IC Flammable Liquids.

OTHER PRECAUTIONS Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches. Do not flame cut, braze or weld without NIOSH approved respirator or appropriate ventilation.

See Text of Label Warning on Attached Sheet.

PPG Label Warning #508

19V5

WARNING! VAPOR HARMFUL. SKIN AND EYE IRRITANT. HARMFUL
IF SWALLOWED. COMBUSTIBLE.

CONTAINS STYRENE AND/OR RELATED AROMATIC MONOMERS.

Use only with adequate ventilation. Avoid breathing of
vapors or spray mist. If swallowed, CALL PHYSICIAN
IMMEDIATELY. Avoid contact with eyes, skin or clothing.
In case of eye contact, flush eyes with plenty of water.
CALL PHYSICIAN IMMEDIATELY. In case of skin contact,
remove by wiping, followed by waterless hand cleaner, soap
and water. Do not wear contaminated clothing, shoes or
gloves. Keep away from heat and open flame. Close
container after each use.

KEEP OUT OF THE REACH OF CHILDREN.